

College Receives Research Grants

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Leaf Group Grants Total \$523,000

Research grants totaling over \$523,000 have been made to 40 scientists so far in 1960 by the Tobacco Industry Research Committee. It was announced yesterday by chairman Timothy V. Hartnett.

The projects include work in such subjects as possible interaction of viruses and tobacco smoke, environmental factors and pulmonary disease, coronary artery disease, psychological differences between smokers and non-smokers, characteristics of aromatic hydrocarbons, effect of tobacco

derivatives on arterial and myocardial tissue cultures, role of the nucleolus in normal and malignant cells and the effect of negatively charged ions on human tracheo-bronchial ciliary action.

All grants are made by the Scientific Advisory Board, composed of nine doctors, scientists and educators who retain their institutional affiliations. Chairman of the board is Dr. Kenneth Merrill Lynch, chancellor of the Medical College of South Carolina at Charleston.

Hartnett said 20 of the 1960 grants were new and 20 were for continuation of the work. Grants-in-aid by the Scientific Advisory Board to the TIRC have been made to over 100 independent scientists since mid-1954, and recipients have already published more than 120 research papers on their investigations, he said. TIRC has so far appropriated \$3,700,000 for its continuing research program.

Tobacco research. Research grants totaling more than \$523,000 have been made to 40 scientists in 1960 by the Tobacco Industry Research Committee. Twenty of the grants are new, and 20 are for continuation of work under way. More than 100 independent scientists have received support since mid-1954. The committee has so far appropriated \$3.7 million for its continuing research program. All grants are made by the Scientific Advisory Board, composed of nine physicians, scientists, and educators who retain their institutional affiliations. Chairman of the board is Kenneth M. Lynch, chancellor of the Medical College of South Carolina, Charleston.

Medical Researcher Gets Tobacco Grant

Hans L. Falk, senior research associate of the department of pathology at the SC School of Medicine, has been given a grant from the Tobacco Industry Research Committee.

Falk will use the money to study the effects of tobacco smoke condensates on rats.

Three research grants totaling \$133,000 have recently been awarded to the Medical College of South Carolina by the U. S. Department of Health, Education and Welfare.

In addition, three medical scientists at the Medical College have been awarded research grants by the Tobacco Industry Research Committee.

Two of the grants concern heart studies. One, valued at \$30,000, involves a three-year project to study cardiovascular sounds. This grant was awarded to the Medical College's Dept. of Medicine.

The purpose of Dr. Dale Grooms, the department's principal investigator, will be to study heart sounds so as to be able to distinguish between those which normally indicate coronary disease rather than a healthy heart.

A second three-year grant of \$61,000 will involve the Dept. of Surgery with Dr. Wendell B. Thrower as the principal investigator.

This grant is provided to study mechanical assisted circulation in heart failure. The study is to determine whether the heart-lung by-pass equipment used commonly for heart surgery can be used to take over the work of a person in heart failure long enough to allow the heart and patient to become stronger.

A \$42,000 grant has been made to the Dept. of Microbiology to search for new treatments of a bacterial infection in infants and hospital patients which is becoming increasingly difficult to combat.

This research grant to study staphylococcus organisms is an

outgrowth of the fact that certain strains of staphylococcus are resistant to eradication by antibiotics.

Dr. John H. Wynn Jr., associate of the Dept. of Microbiology is the principal investigator among the personnel at the college carrying on the research.

Receiving grants from the Tobacco Industry Research Committee are Dr. Lawrence L. Hestet Jr., professor and chairman of the Dept. of Gynecology and Obstetrics at the Medical College for work on the relationship of tobacco use to the outcome of pregnancy; Dr. Forde A. McIver, assistant professor in pathology for research in the effects of asbestos dust in pulmonary diseases; and Dr. H. R. Pratt - Thomas, a professor of pathology for study of carcinogenesis in laboratory animals.

The 1960 tobacco grants, totaling over \$523,000, go to 40 scientists all over the country.

All the tobacco study grants are made by the Scientific Advisory Board, composed of nine doctors, scientists and educators who retain their institutional affiliations. Chairman of the board is Dr. Kenneth Merrill Lynch, chancellor of the Medical College of South Carolina.

Previous grants which the Medical College has received this year include \$35,800 from the American Cancer Society for research on cancer of the cervix; \$26,029 from several agencies for research in cancer and heart diseases and \$71,878.33 by the American Medical Education Foundation to improve and promote medical education generally.

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Research grants totalling over \$523,000 have already been made to 40 scientists in 1960 by the Tobacco Industry Research Committee of the United States of America. Among the factors being studied are the possible interaction of viruses and tobacco smoke, environmental factors and pulmonary disease, coronary artery disease, psychological differences between smokers and non-smokers, characteristics of aromatic hydrocarbons, the effect of tobacco derivatives on arterial and myocardial tissue cultures, the role of the nucleolus in normal and malignant cells, and the effect of negatively charged ions on human tracheo-bronchial ciliary action. All grants are made by the Scientific Advisory Board, composed of nine doctors, scientists, and educators, who retain their institutional affiliations, under the chairmanship of Dr. K. MERRILL LYNCH, chancellor of the Medical College of South Carolina, Charleston.

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